

Fig. 1

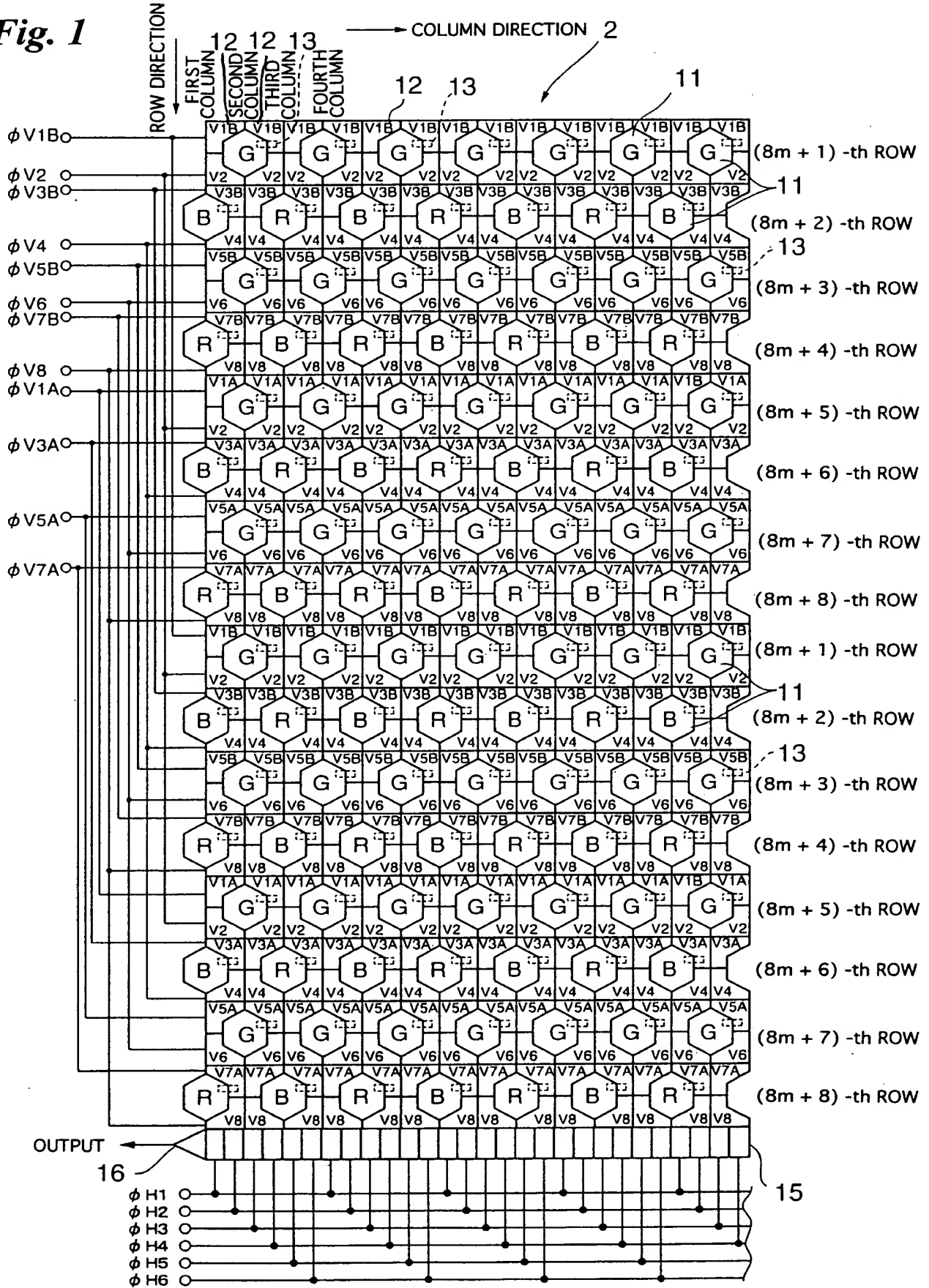


Fig. 2A

READ OUT ALL PIXELS

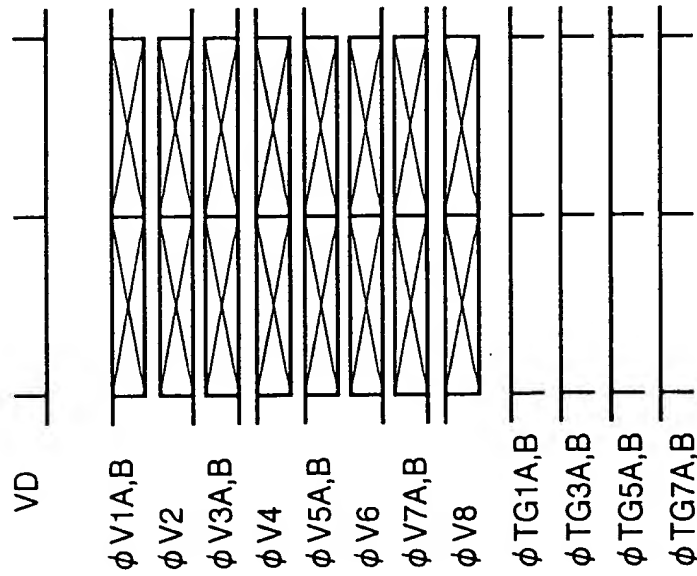


Fig. 2B

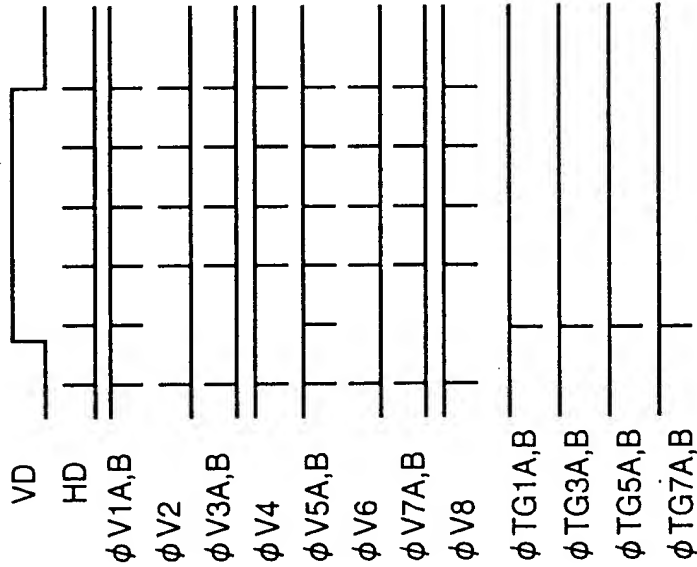
READ OUT ALL PIXELS
(ENLARGED VIEW OF $\Delta t1$)

Fig. 2C

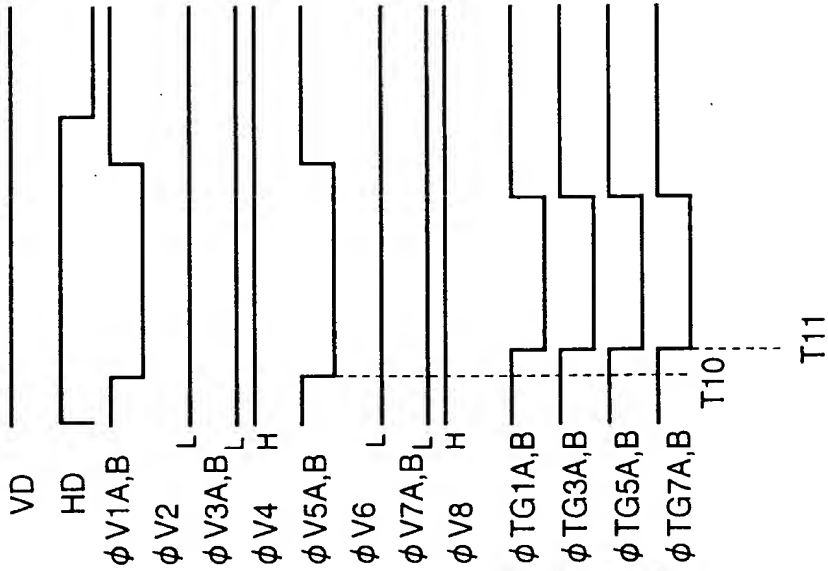
READ OUT ALL PIXELS
(ENLARGED VIEW OF $\Delta t2$)

Fig. 3

VERTICAL TRANSFER IN READING OUT ALL PIXELS

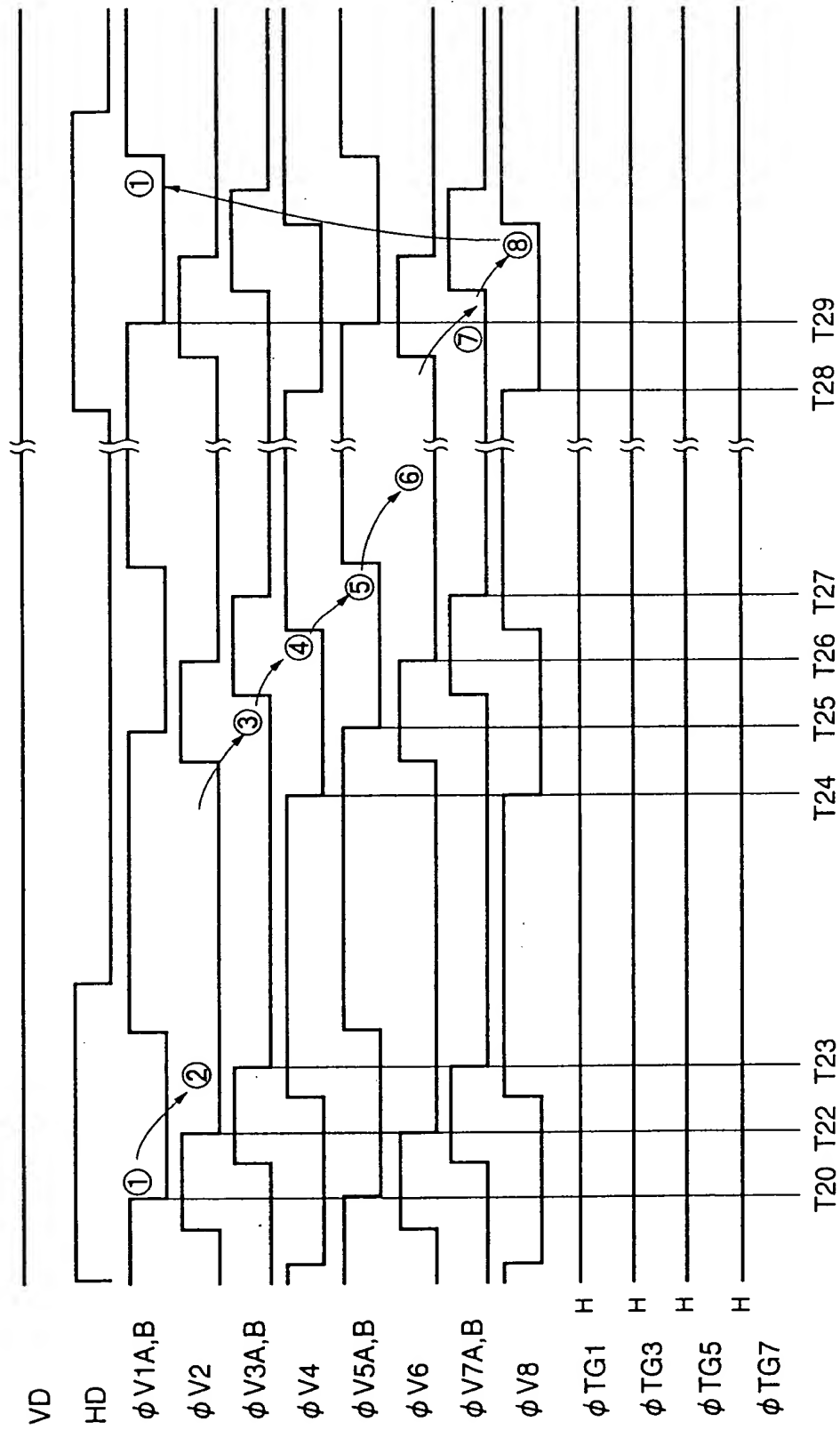
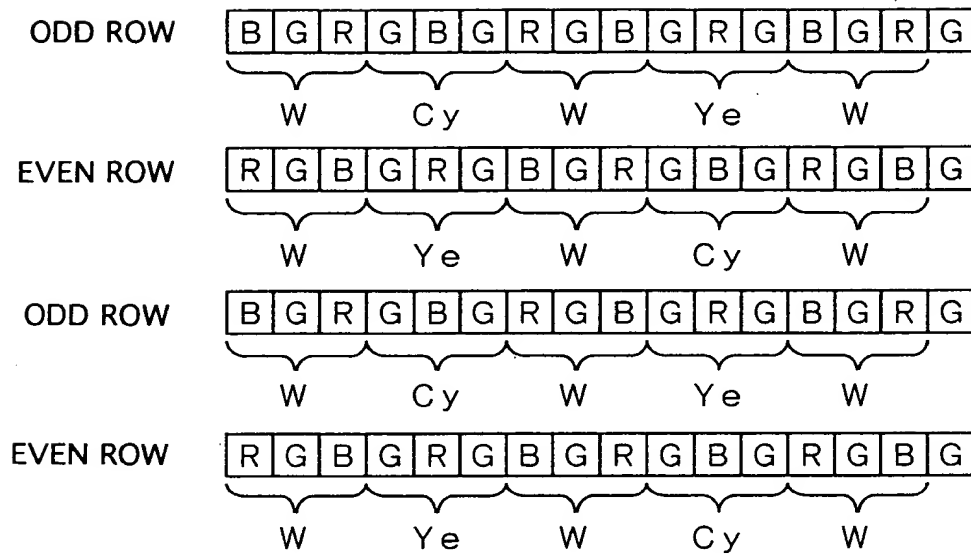


Fig. 4*Fig. 5*

	FIRST COLUMN	SECOND COLUMN	THIRD COLUMN	FOURTH COLUMN
ODD ROW	W	Cy	W	Ye
EVEN ROW	W	Ye	W	Cy
ODD ROW	W_{12}	Cy_{22}	W	Ye
EVEN ROW	W_{11}	Ye_{21}	W	Cy

Fig. 6A

READOUT BY 1/2 PIXEL THINNING

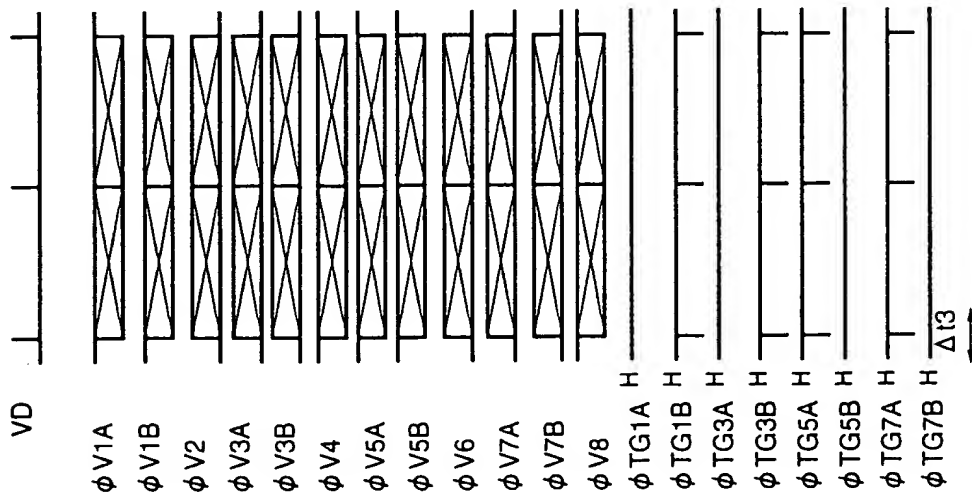


Fig. 6B

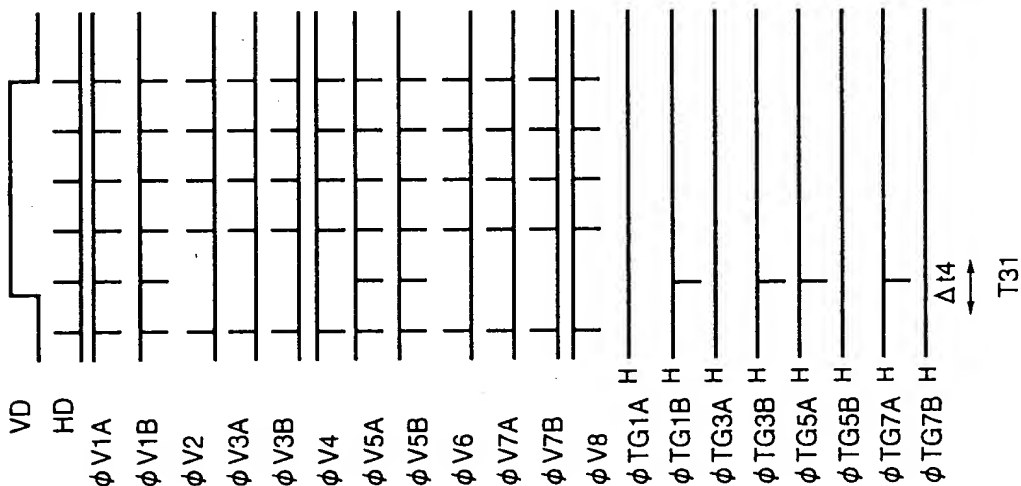
READOUT BY 1/2 PIXEL THINNING
(ENLARGED VIEW OF $\Delta t3$)

Fig. 6C

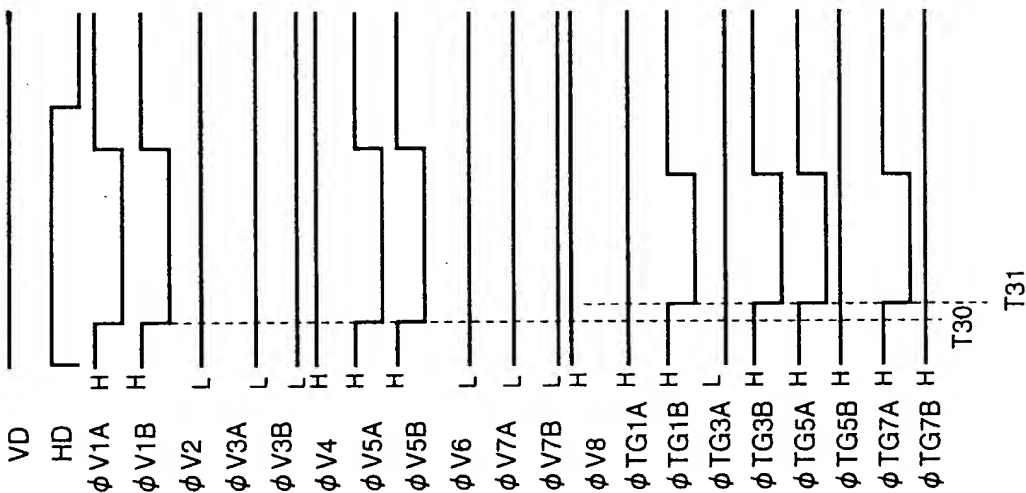
READOUT BY 1/2 PIXEL THINNING
(ENLARGED VIEW OF $\Delta t4$)

Fig. 7

HORIZONTAL TRANSFER IN ODD ROWS

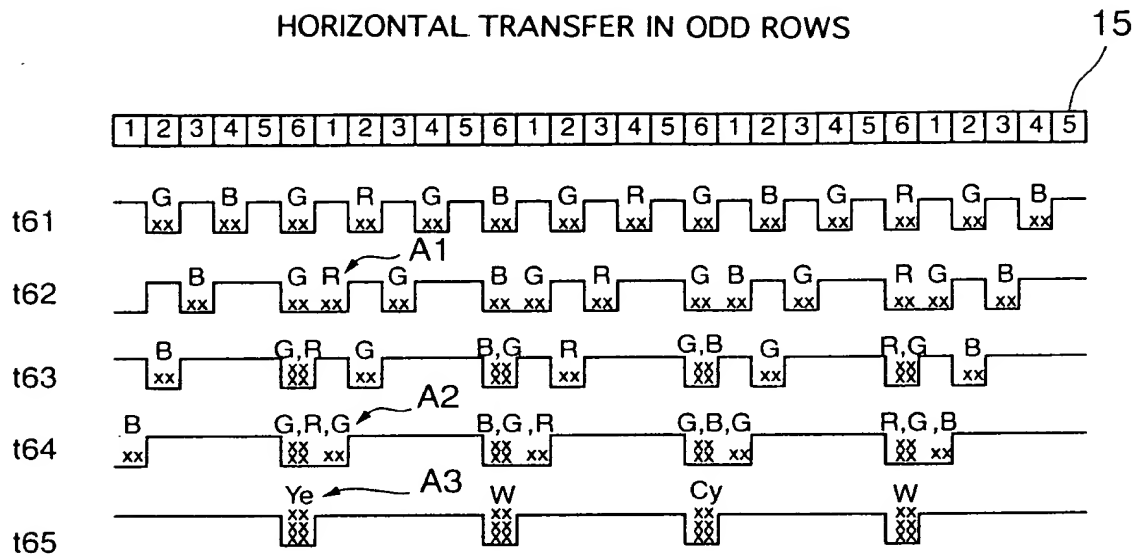


Fig. 8

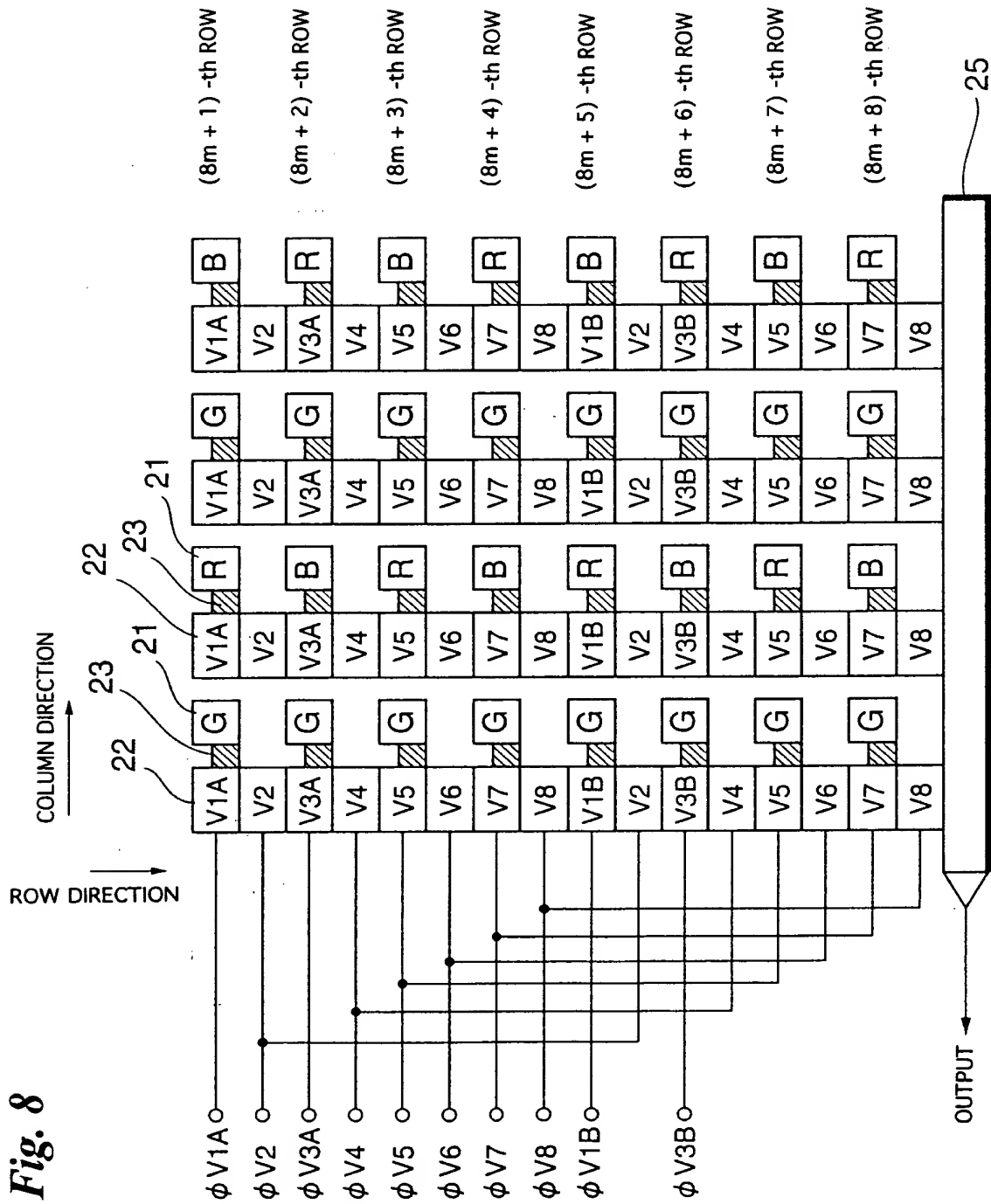


Fig. 9A

READ OUT ALL PIXELS

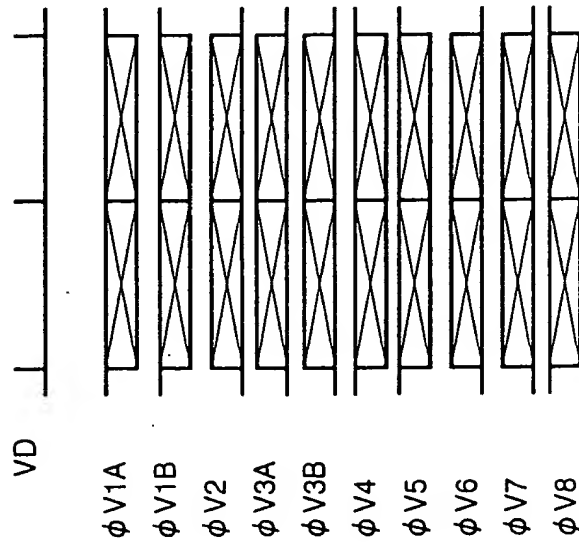


Fig. 9B

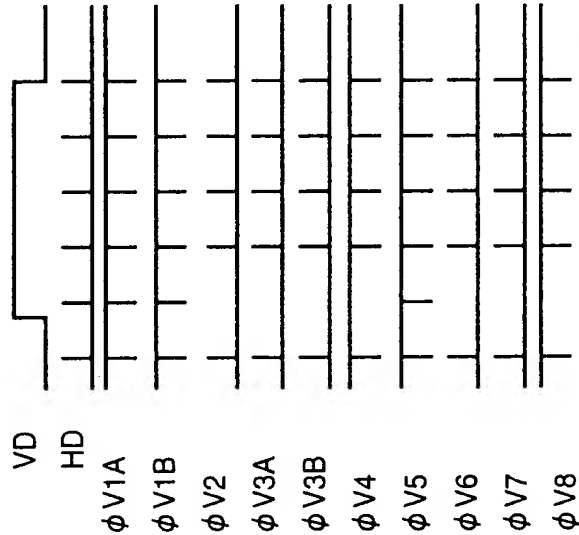
READ OUT ALL PIXELS
(ODD FIELD, ENLARGED VIEW OF $\Delta t4$)

Fig. 9C

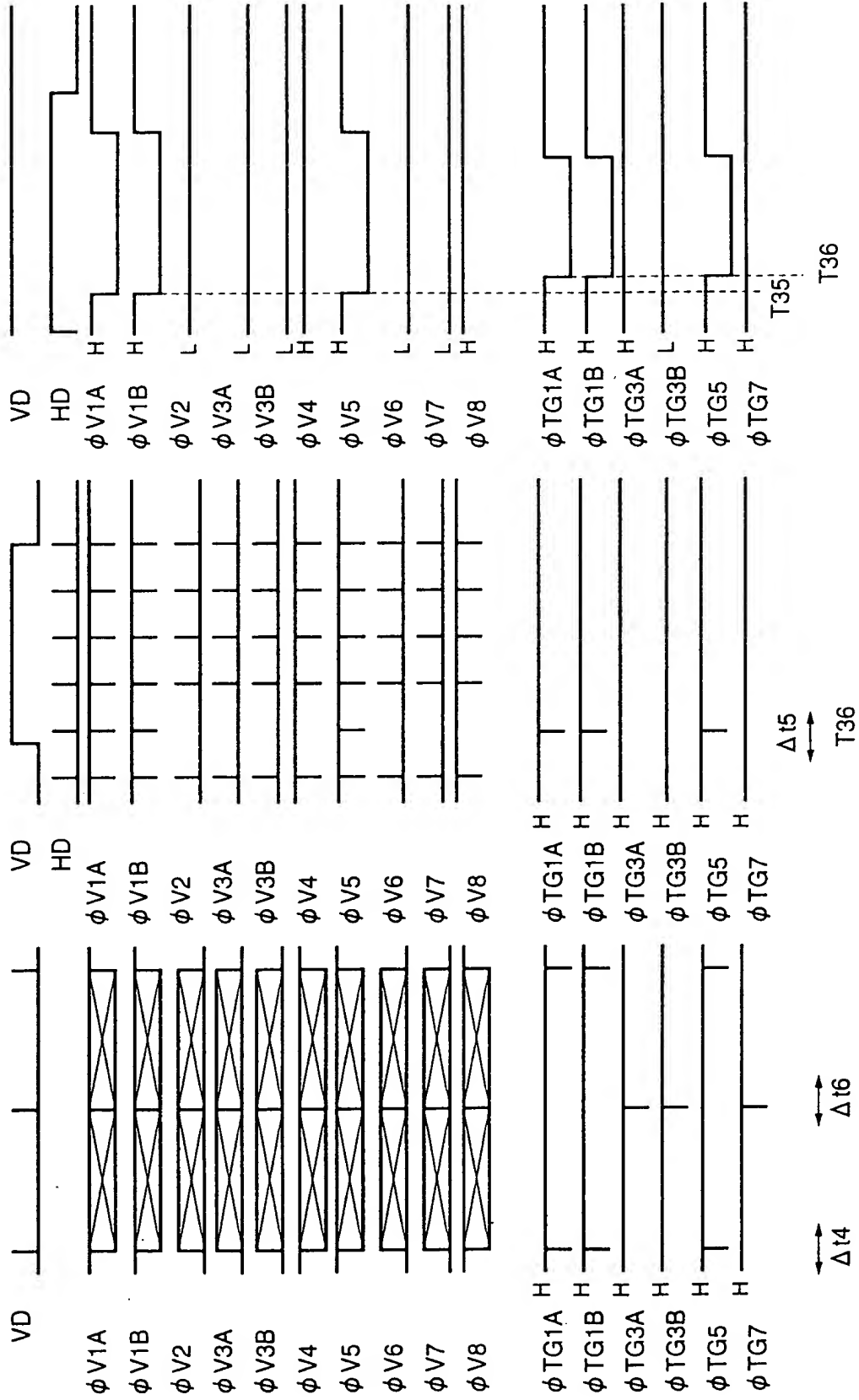
READ OUT ALL PIXELS
(ODD FIELD, ENLARGED VIEW OF $\Delta t5$)

Fig. 10A

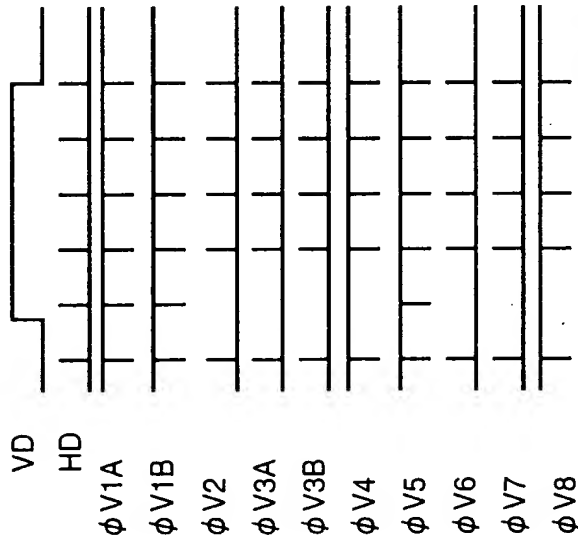
READ OUT ALL PIXELS
(EVEN FIELD)

Fig. 10B

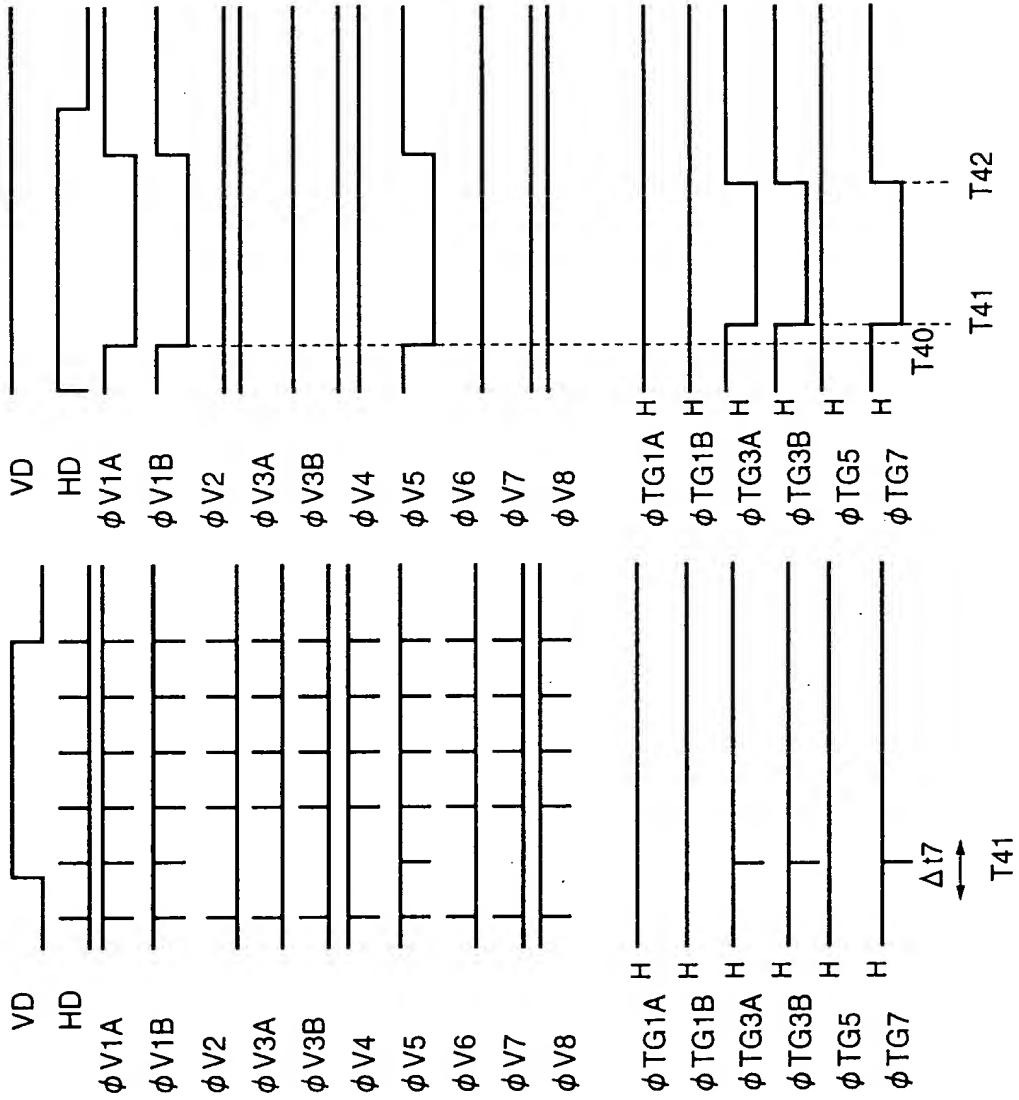
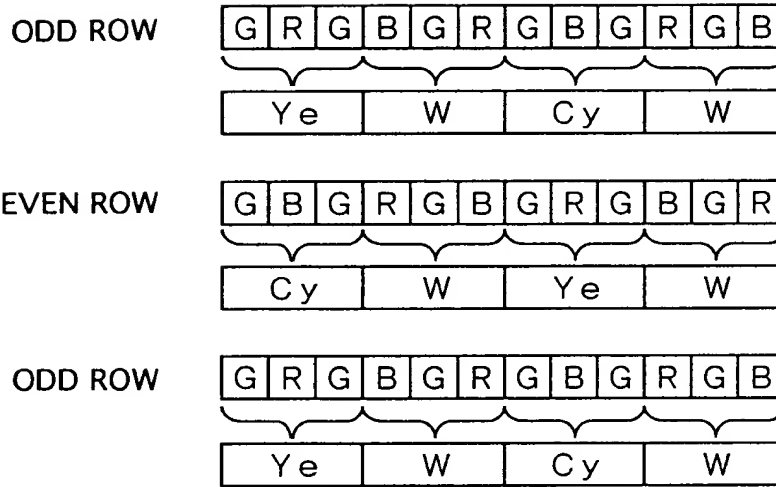
READ OUT ALL PIXELS
(EVEN FIELD, ENLARGED VIEW OF $\Delta t6$)

Fig. 11**Fig. 12**

ODD ROW	Ye	W	Cy	W
EVEN ROW	Cy	W	Ye	W
ODD ROW	Ye	W	Cy	W

Fig. 13A

READOUT BY 1/4 PIXEL THINNING

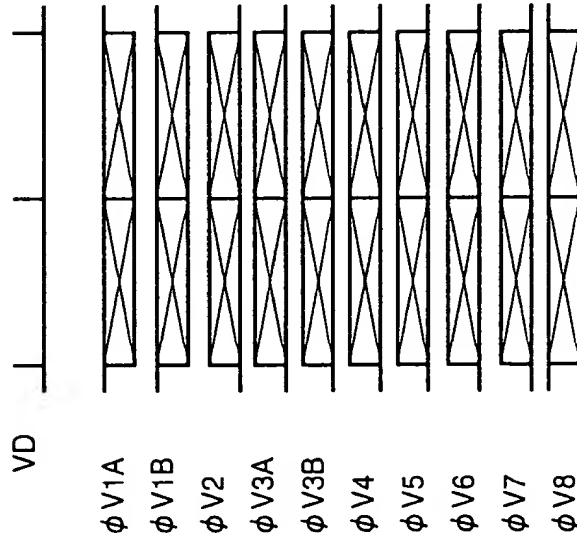


Fig. 13B

READOUT BY 1/4 PIXEL THINNING
(ENLARGED VIEW OF $\Delta t8$)

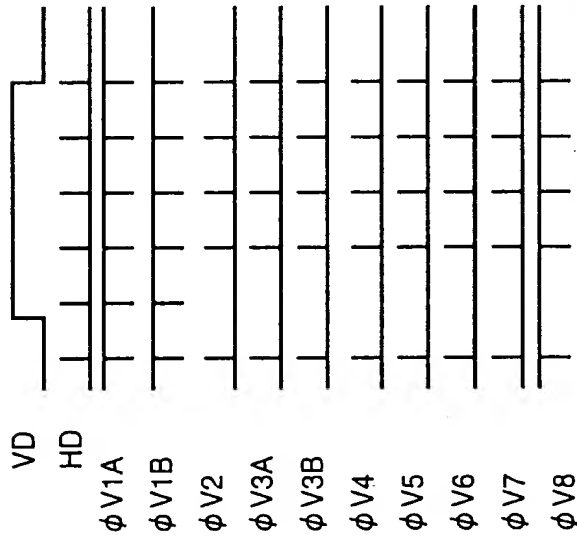


Fig. 13C

READOUT BY 1/4 PIXEL THINNING
(ENLARGED VIEW OF $\Delta t9$)

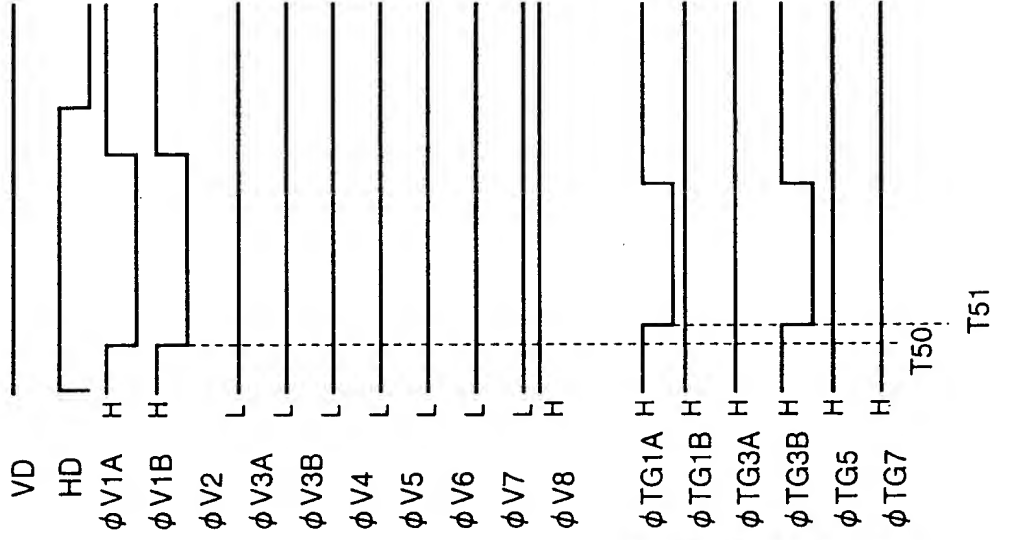


Fig. 14

